

Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 11/13/2013

mmB
 WLL

Instrument Serial Number: 012225	As of 13-Nov-13
---	------------------------

Maintenance Date	Certification Date	Technician Initials	Remarks
13-Nov-13	27-Aug-13	MMB (26417)	CORRECTED DRY GAS STANDARD LOT NUMBER IN INSTRUMENT MEMORY.
08-Nov-13	27-Aug-13	MMB (26417)	REPLACED DRY GAS STANDARD.
27-Aug-13	27-Aug-13	DBH (21250)	FIRMWARE/SOFTWARE UPGRADE. CALIBRATED AND CERTIFIED.
09-Aug-13	04-Mar-13	MMB (26417)	REPLACED DRY GAS STANDARD.
10-May-13	04-Mar-13	DBH (21250)	REPLACED DRY GAS STANDARD.
04-Mar-13	04-Mar-13	HMS (18910)	MOVED INSTRUMENT TO NEW ROOM IN SAME FACILITY, CERTIFIED, REPLACED DRY GAS STANDARD.
21-Feb-13	21-Feb-13	HMS (18910)	MOVED INSTRUMENT TO NEW ROOM IN SAME FACILITY, CERTIFIED, REPLACED DRY GAS STANDARD.
14-Dec-12	20-Sep-12	TLN (25387)	REPLACED DRY GAS STANDARD. REPLACED PRINTER RIBBON.
20-Sep-12	20-Sep-12	DBH (21250)	CERTIFIED, REPLACED DRY GAS STANDARD.
30-Jul-12	10-Jul-12	DBH (21250)	REPLACED DRY GAS STANDARD.
10-Jul-12	10-Jul-12	DBH (21250)	CERTIFIED.
29-Jun-12	29-Jun-12	TLN (25387)	CALIBRATED, CERTIFIED AND ACCEPTED.

MMB
Wdk

INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 012225 Worksheet Start Date 11/13/2013
Location Henrico Co Jail
Address 4301 E Parham Rd Richmond VA 23228
DFS Technician Michelle Billeter License No. 26417
☐ Laboratory ☒ On-Site

Site Specifications

Yes No

1 Secured Environment:

Location must not be accessible to the general public.

☒ ☐

2 Environment free from contaminants

☒ ☐

3 Dedicated telephone line:

The phone line should be used solely by the instrument.

☒ ☐

4 Adequate Ventilation:

Enough space must be provided for the instrument and the printer to allow for adequate ventilation.

☒ ☐

5 Stable temperature controls:

The instrument should not be exposed to direct sources of temperature variation.

☒ ☐

6 115VAC power source:

Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices.

☒ ☐

7 Room Condition:

The site should be free of excessive moisture, heat and dust.

☒ ☐

E-Seek
Keyboard
Printer
UPS

Old serial no. New serial no.

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:

Maintenance (if any)
Corrected dry gas standard lot number in instrument memory.

Comments (if any)

Instrument Serial Number 012225

Certification Date

Instrument Barometer (mm HG) 768

Reference Barometer (mm HG) 762

Reference Barometer(RB)Serial # 009111

RB Calibration Due 5/23/2014

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☐ Certified☐ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG217702-22

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.102
0.100	0.100	0.097	0.103	Sample 2	0.102
Precision		sample min	sample max	Sample 3	0.102
0		0.102	0.102		

DFS Technician

Michelle Beller

Date

11/13/13

Issuing Analyst

Melissa Kennedy

Date

11/19/13

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 4-March-2013

TLN

DFS Document 250-F113

Revision 6

Page 2 of 2

mmB

msK

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 012225 Test Number: 1439

Test Date: 11/13/2013 Test Time: 09:05 EST

Dry Gas Target: 0.100

Lot Number: AG217702-22 Exp Date: 06/25/2014

Tank Pressure: 590 psi Barometric Pressure: 762 mmHg

System Check: Passed

Test	g/210L	Time
BLK	0.000	09:06
CHK	0.102	09:07
BLK	0.000	09:08
CHK	0.102	09:09
BLK	0.000	09:10
CHK	0.102	09:11

Test Status: Success

Calibration CRC: 65149449

mmb
WJL




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
---	-----------------------------

BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY BILLETER, MICHELLE, M		AGENCY DFS Central Lab
DFS LICENSE NUMBER 26417	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 11/13/2013
TEST EQUIPMENT NUMBER 012225		

RESULTS: TIME SAMPLE TAKEN 09:19 EST

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 13 Nov 2013 at 10:50

mmB
WJL

Test Results

Instrument Serial Number 012225

Test # 001440 Subject Test

Test Location 1 Department of

Test Date 13 Nov 2013

Test Location 2 Forensic Science

Test Time 09:13

Remote/Local Local

Test Location 3

System Check Passed

Operator's Last Name BILLETER

Agency DFS Central Lab

Card Serial Number 126417

Subject's Last Name INSTRUMENT

Subject's Middle Initial

Driver's License Number

Driver's License State

Operator's First Name MICHELLE

License Number 26417

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's First Name TEST

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Expiration 00/00/0000

Court Name DFS

End Date 13 Nov 2013 End Time 09:20

Result Time 09:19

Result Date 13 Nov 2013 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 09:13

Data Type BLK

Sample Value 0.000

Sample Time 09:14

Data Type CHK

Sample Value 0.102

Sample Time 09:15

Data Type BLK

Sample Value 0.000

Sample Time 09:16

Data Type SUBJ

Sample Value 0.000

Sample Time 09:17

Data Type BLK

Sample Value 0.000

Sample Time 09:17

Data Type SUBJ

Sample Value 0.000

Sample Time 09:19

Data Type BLK

Sample Value 0.000

Sample Time 09:20

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG217702-22

Standard Expiration Date 06/25/2014

Tank Pressure 575

Barometric Pressure 762 mmHg

Blow Sample Number 1 Blow Duration 3.87 sec

Blow Volume 1742 cc End-of-Blow Time 09:17

Blow Sample Number 2 Blow Duration 3.95 sec

Blow Volume 1722 cc End-of-Blow Time 09:19

Tamper Evident Stamp f7269dd0

Test Status Code 0

Test Status Success